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(71) Applicant: FUJI ELECTRIC CO LTD

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(72) Inventor: SHIGA SATORU
NAKANORI TAKAHIRO

(54) SOLID POLYELECTROLYTE FUEL CELL

terminals 311, 321 are formed on both ends.

(57) Abstract:

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PURPOSE: To provide a solid polyelectrolyte fuel cell by which operation continuing measures can be simplified while making an abnormal unit fuel cell into the non-electrifying state when abnormalities are generated on the unit fuel cell.

CONSTITUTION: A solid polyelectrolyte fuel cell (stack) 1 is provided with unit fuel cells (cells) 2 provided with separators 31, 32 on which electric connecting terminals 311, 321 are integrally formed, intermediate electric insulating plates 4 having the numbers one short of the using numbers of the cells 2, and electric connecting bodies 5, and the cells 2 and the electric insulating plates 4 are alternately laminated. Each intermediate electric insulating plate 4 is formed into a plate shape by using an electric insulating material such as epoxy resin, and a through hole is formed in the position facing the through hole formed on a solid polyelectrolyte membrane included in the fuel cell. Each electric connecting body 5 is constituted by taking a soft conductive material as a main body, and terminal parts to be connected to the electric connecting

